WHAT IS CLAIMED IS:

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1. An address setting device for setting an address of a device in accordance with a control signal, the setting device comprising:

an input terminal for receiving the control signal;
an output terminal for outputting the control signal;
and

a setting circuit, connected to the input terminal and the output terminal, for setting an address value;

the setting circuit setting an initial value and disconnecting the input and output terminals from each other when reset; and

when the received control signal includes a predetermined value, the setting circuit changing the initial value to the predetermined value, which is used as the address value, and connecting the input and output terminals to each other.

20 2. The setting device according to claim 1, further comprising:

a switch connected between the input terminal and the output terminal, wherein the setting circuit opens the switch to disconnect the input and output terminals from each other when reset and closes the switch to connect the input and output terminals to each other when the address value is set.

3. The setting device according to claim 1, wherein the setting device is one of a plurality of setting devices connected in series to one another via the input and output terminals.

4. An actuator for which an address value is set based on a control signal, the actuator comprising:

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an input terminal for receiving the control signal; an output terminal for outputting the control signal; a driving portion; and

a control circuit, connected to the input terminal, the output terminal, and the driving portion, for controlling the driving portion in accordance with the control signal, the control circuit setting its address value in accordance with the control signal;

the control circuit setting an initial value and disconnecting the input and output terminals from each other when reset; and

when the received control signal includes a predetermined value, the control circuit changing the initial value to the predetermined value, which is used as the address value of the actuator, and connecting the input and output terminals to each other.

5. The actuator according to claim 4, further comprising:

a switch connected between the input terminal and the output terminal, wherein the control circuit opens the switch to disconnect the input and output terminals from each other when reset and closes the switch to connect the input and output terminals to each other when the address value is set.

6. The actuator according to claim 5, further 30 comprising:

a control IC on which the control circuit and the switch are integrated.

7. An actuator system comprising:

a plurality of series-connected actuators, wherein an address value is set for each of the actuators; and

a master controller, connected to the actuators, for providing the actuators with a control signal, each of the actuators including:

an input terminal for receiving the control signal;

an output terminal for outputting the control
signal;

a driving portion; and

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a control circuit, connected to the input terminal, the output terminal, and the driving portion, for controlling the driving portion in accordance with the control signal and for setting the address value of the actuator in accordance with the control signal;

the control circuit setting an initial value and disconnecting the input and output terminals from each other when reset; and

when the received control signal includes a predetermined value, the control circuit changing the initial value to the predetermined value, which is used as the address value, and connecting the input and output terminals to each other.

8. The actuator system according to claim 7, wherein each of the actuators further includes:

a switch connected between the input terminal and the output terminal, wherein the control circuit opens the switch to disconnect the input and output terminals from each other when reset and closes the switch to connect the input and output terminals to each other when the address value is set.

9. The actuator system according to claim 8, wherein at least one actuator of the plurality is arranged on an air door in an air conditioner passage of a vehicle, and the driving portion drives the air door.

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- 10. The actuator system according to claim 9, wherein the control circuit is reset when an ignition switch of a vehicle is turned off or when the ignition switch is turned on.
- 11. The actuator system according to claim 10, wherein the master controller transmits the control signal to set the predetermined value as the address value after a time required for completing the resetting of the actuators elapses from when the ignition switch is turned off or on.
- 12. An actuator system for use in a vehicle air conditioner having air doors, the actuator system comprising:
- a plurality of series-connected actuators, each being arranged on an air door to drive the air door, wherein an address value is set for each of the actuators; and
- a master controller, connected to the actuators, for providing the actuators with a control signal, each of the actuators including:
 - an input terminal for receiving the control
 signal;
- an output terminal for outputting the control signal;
 - a driving portion; and
 - a control circuit, connected to the input terminal, the output terminal, and the driving portion,

for controlling the driving portion in accordance with the control signal and for setting the address value of the actuator in accordance with the control signal;

the control circuit setting an initial value and disconnecting the input and output terminals from each other when reset; and

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when the received control signal includes a predetermined value, the control circuit changing the initial value to the predetermined value, which is used as the address value, and connecting the input and output terminals to each other.

- 13. The actuator system according to claim 12, wherein each of the actuators further includes:
- a switch connected between the input terminal and the output terminal, wherein the control circuit opens the switch to disconnect the input and output terminals from each other when reset and closes the switch to connect the input and output terminals to each other when the address value is set.
 - 14. A method for controlling a plurality of actuators, each including an input terminal and an output terminal, the actuators being connected in series with one another by the input and output terminals, the method comprising:

setting an initial value for each of the actuators and disconnecting the input and output terminals of each actuator;

changing the initial value of each actuator to a

30 predetermined value, which is used as the address value of
the actuator, and connecting the input and output terminals
to each other.

15. The method according to claim 14, further comprising:

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providing all of the actuators, at generally the same time in a state in which the input and output terminals of all of the actuators are connected to each other, with a control signal for controlling the actuators.